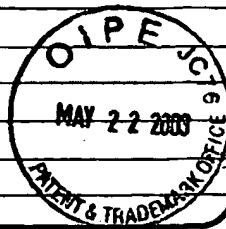


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/014.664
		Filing Date	12/14/2001
		First Named Inventor	Bruwer
		Art Unit	
		Examiner Name	
(Use as many sheets as necessary)		Attorney Docket Number	P.19385
Sheet	1	of	3



U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- RE 29,525	01/24/1978	Willmott	
		US- 4,380,762	04/19/1983	Capasso	
		US- 4,385,296	05/24/1983	Tsubaki et al.	
		US- 4,426,637	01/17/1984	Apple et al.	
		US- 4,529,960	07/16/1985	Uchida et al.	
		US- 4,535,333	08/13/1985	Twardowski	
		US- 4,574,247	03/04/1986	Jacob	
		US- 4,590,470	05/20/1986	Koenig	
		US- 4,596,985	06/24/1986	Bongard et al.	
		US- 4,638,433	01/20/1987	Schindler	
		US- 4,652,860	03/24/1987	Weishaupt	
		US- 4,686,529	08/11/1987	Kleefeldt	
		US- 4,723,121	02/02/1988	van den Boom et al.	
		US- 4,737,770	04/12/1988	Brunius et al.	
		US- 4,750,118	06/07/1988	Heitschel et al.	
		US- 4,779,090	10/18/1988	Micznik et al.	
		US- 4,835,407	05/30/1989	Kataoka et al.	
		US- 4,847,614	07/11/1989	Keller	

RECEIVED
MAY 23 2003
Technology Center 2600

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP 0244332	11/04/1987	Soum		
		EP 0311112	04/04/1989	Yoshizawa		
		EP 0459781	12/04/1991	Bruwer		
		ZA 9104063	12/29/1992	Bruwer		

Examiner Signature		Date Considered	4/25/03
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

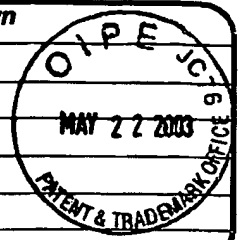
2

of

3

Complete if Known

Application Number	10/014,664
Filing Date	12/14/2001
First Named Inventor	Bruwer
Art Unit	
Examiner Name	
Attorney Docket Number	P.19385

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
PA		US- 4,855,713	08/08/1989	Brunius	
PA		US- 4,864,615	09/05/1989	Bennett et al.	
PA		US- 4,878,052	10/31/1989	Schulze	
PA		US- 4,881,148	11/14/1989	Lambropoulos et al.	
PA		US- 4,890,108	12/26/1989	Drori et al.	
PA		US- 4,912,463	03/27/1990	Li	
PA		US- 4,928,098	05/22/1990	Dannhaeuser	
PA		US- 4,931,789	06/05/1990	Pinnow	
PA		US- 4,951,029	08/21/1990	Severson	
PA		US- 4,951,247	08/21/1990	Kruse et al.	
PA		US- 4,988,992	01/29/1991	Heitschel et al.	
PA		US- 5,049,867	09/17/1991	Stouffer	
PA		US- 5,055,701	10/08/1991	Takeuchi	
PA		US- 5,103,221	04/07/1992	Memmola	
PA		US- 5,107,258	04/21/1992	Soum	
PA		US- 5,144,667	09/01/1992	Pogue, Jr. et al.	
PA		US- 5,148,159	09/15/1992	Clark et al.	
PA		US- 5,191,610	03/02/1993	Hill et al.	

RECEIVED
MAY 23 2003
Technology Center 2600

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

Date
Considered

04/25/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

3

C

3

Application Number

10/014.664

Filing Date

12/14/2001

First Named Inventor

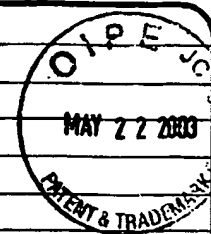
Bruwer

Art Unit

Examiner Name _____

Attorney Docket Number

P.19385




U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	4/25/03
-----------------------	-------------------------------------------------------------------------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.